

04/10/06 PC 7
APR 3 Rec'd PCT/PTO 06 APR 2005

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

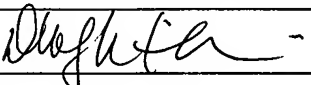
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/564,583	
	Filing Date	January 13, 2006	
	First Named Inventor	Charles A. Blum	
	Art Unit	N/A	
	Examiner Name	Not Yet Assigned	
Total Number of Pages in This Submission	13	Attorney Docket Number	60884 (72021)

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Reply to Missing Parts/ Incomplete Application, including duplicate copy <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): Combined Declaration and Power of Attorney (4 pages); Copy of Notification of Missing Requirements under 35 USC 371 (2 pages); Certificate of Express Mailing (1 page); Return Receipt Postcard.
<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	EDWARDS ANGELL PALMER & DODGE LLP		
Signature			
Printed name	Dwight D. Kim, Ph.D.		
Date	April 6, 2006	Reg. No.	57,665

Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL For FY 2006		Complete if Known	
		Application Number	10/564,583
		Filing Date	January 13, 2006
		First Named Inventor	Charles A. Blum
		Examiner Name	Not Yet Assigned
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Art Unit	N/A
TOTAL AMOUNT OF PAYMENT		(\$)	180.00
		Attorney Docket No.	60884 (72021)

METHOD OF PAYMENT (check all that apply)	
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____	
<input checked="" type="checkbox"/> Deposit Account Deposit Account Number: <u>04-1105</u> Deposit Account Name: <u>Edwards Angell Palmer & Dodge LLP</u>	
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input checked="" type="checkbox"/> Charge fee(s) indicated below	<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17	<input checked="" type="checkbox"/> Credit any overpayments

FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)

1. BASIC FILING, SEARCH, AND EXAMINATION FEES							
Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES			Small Entity	
Fee Description	Fee (\$)		Fee (\$)	
Each claim over 20 (including Reissues)	50		25	
Each independent claim over 3 (including Reissues)	200		100	
Multiple dependent claims	360		180	

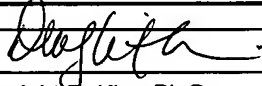
Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	
39	- 38 = 1	x 50.00 =	50.00	Fee (\$)	Fee Paid (\$)
HP = highest number of total claims paid for, if greater than 20.					
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)		
5	- 5 =	x			
HP = highest number of independent claims paid for, if greater than 3.					

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
	- 100 =	/50	(round up to a whole number) x	

4. OTHER FEE(S)			Fees Paid (\$)
Non-English Specification, \$130 fee (no small entity discount)			
Other (e.g., late filing surcharge): <u>1051 Surcharge-Late oath or declaration</u>			130.00

SUBMITTED BY			
Signature		Registration No. (Attorney/Agent)	57,665
Name (Print/Type)	Dwight B. Kim, Ph.D.	Telephone	(617) 439-4444
		Date	April 6, 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Charles A. Blum, et al.

Application No.: 10/564,583 - Conf. No.: 2022

Examiner: Not Yet Assigned

Filed: January 13, 2006

For: SUBSTITUTED PYRIMIDYL-4-YLAMINE ANALOGUES

**RESPONSE TO NOTIFICATION OF
MISSING REQUIREMENTS UNDER 35 USC § 371**

MS Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notification of Missing Requirements under 35 USC § 371 mailed February 17, 2006, Applicant respectfully submits a Combined Declaration and Power of Attorney and Part 2 Copy of Notice.


On the Notification of Missing Requirements, additional claim fees are listed under Summary of Fees due. Applicant's believe that there is only one extra claim that was not satisfied at the time of filing and believe that an additional claim fee of \$50.00 is due.

Please charge our Deposit Account No. 04-1105 in the amount of \$180.00 covering the fee set forth in 37 CFR 1.16(f). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed

herewith to our Deposit Account No. 04-1105, under Order No. 60884 (72021). A duplicate copy of this paper is enclosed.

Dated: April 6, 2006

Respectfully submitted,

By 

Dwight D. Kim, Ph.D.

Registration No.: 57,665

EDWARDS ANGELL PALMER & DODGE
LLP

P.O. Box 55874

Boston, Massachusetts 02205

(617) 439-4444

Attorneys/Agents For Applicant

534217

04/17/2006 HKAYPAGH 00000135 10564583

01 FC:1617	130.00 DA
02 FC:1615	50.00 DA

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV756031189US in an envelope addressed to:

MS Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on April 6, 2006
Date



Signature

Lakeisha Bryant

Typed or printed name of person signing Certificate

Registration Number, if applicable

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal Form (1 page);

Fee Transmittal Form (1 page);

Response to Notification of Missing Requirements under 35 USC 371 (2 page), including duplicate copy;

Combined Declaration and Power of Attorney (4 pages);

Copy of Notification of Missing Requirements under 35 USC 371 (2 pages);

Return Receipt Postcard.

**COPY****UNITED STATES PATENT AND TRADEMARK OFFICE**

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
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 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/564,583	Charles A. Blum	60884(72021)

INTERNATIONAL APPLICATION NO.

PCT/US04/22820

I.A. FILING DATE

07/15/2004

PRIORITY DATE

07/15/2003

21874

EDWARDS & ANGELL, LLP
 P.O. BOX 55874
 BOSTON, MA 02205

CONFIRMATION NO. 2022**371 FORMALITIES LETTER**

OC000000017992238

Date Mailed: 02/17/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 01/13/2006
- Copy of the International Search Report filed on 01/13/2006
- Copy of Article 19 Amendments filed on 01/13/2006
- Preliminary Amendments filed on 01/13/2006
- Information Disclosure Statements filed on 01/13/2006
- U.S. Basic National Fees filed on 01/13/2006
- Specification filed on 01/13/2006
- Claims filed on 01/13/2006
- Abstracts filed on 01/13/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of **\$100** as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is **\$230** for a Large Entity:

- **\$130** Surcharge.
- Total additional claim fee(s) for this application is **\$ 100**
 - **\$100** for 20 total claims over 20.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

PATRICIA A BOOKER

Telephone: (703) 308-9140 EXT 204

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/564,583	PCT/US04/22820	60884(72021)

FORM PCT/DO/EO/905 (371 Formalities Notice)